

PROGRAM-RELATED FATALITIES IN MICHIGAN 2009

INTRODUCTION

The intention of this report is to promote an understanding of what constitutes a program-related fatality and to assist in the continued effort of preventing and reducing fatal cases. Information in this report may be of special interest to employers, employees, safety professionals and consultants.

This program-related fatality information for Michigan was compiled from the “Employers Basic Report of Injury,” Workers Disability Form 100’s and from direct telephone reports of fatalities to MIOSHA. Only fatal cases that are program-related, as defined by MIOSHA, are compiled. Therefore, the data does not include fatalities resulting from heart attacks, homicides, suicides, personal motor vehicle accidents, and aircraft accidents.

WHAT IS A PROGRAM-RELATED FATALITY?

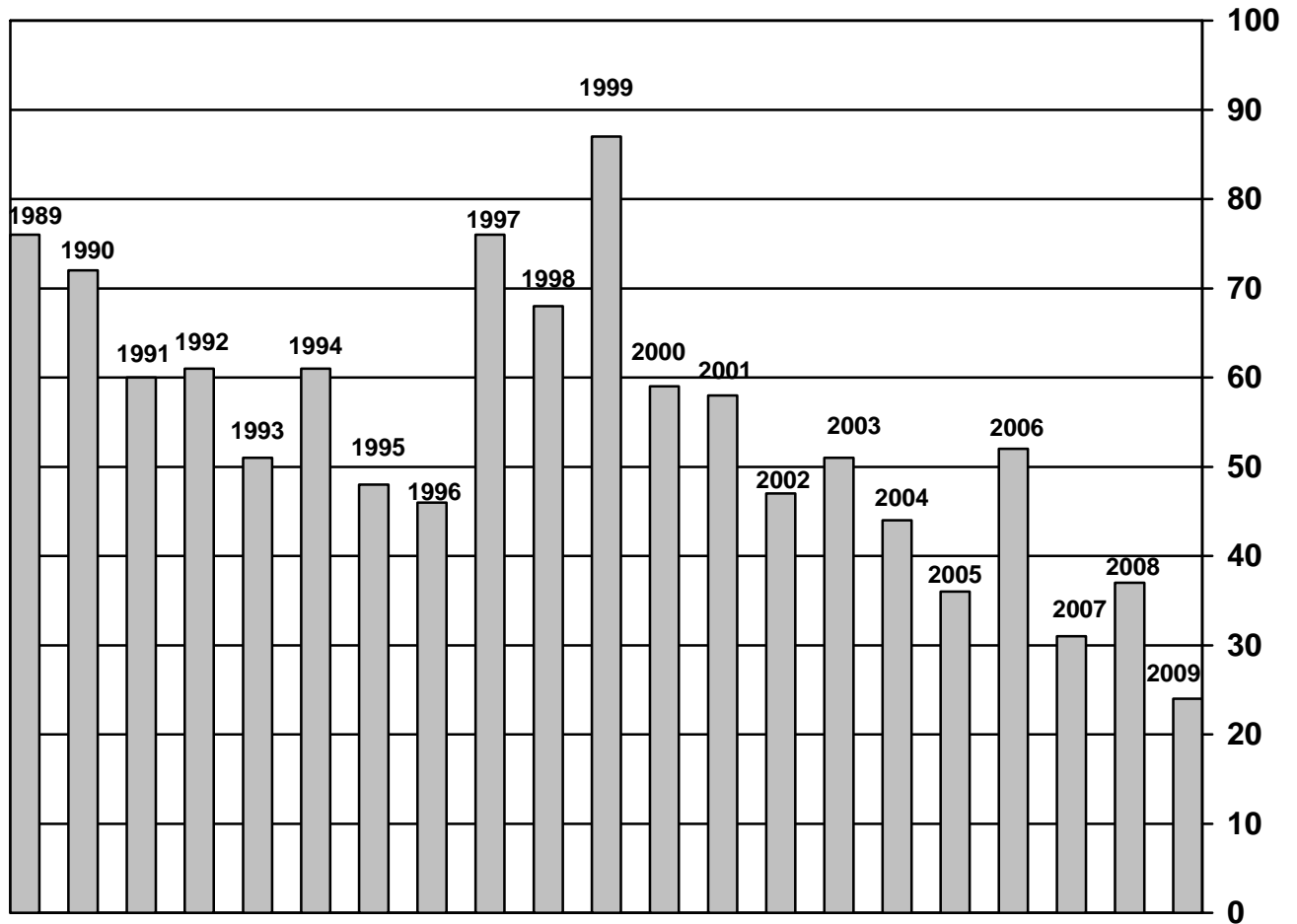
A fatality is recorded as “Program-Related” if the deceased party was employed in an operation included in MIOSHA jurisdiction as defined in Public Act 154 of 1974, as amended, and the fatality appears to be related to one or more of the following conditions:

1. The incident was found to have resulted from violations of MIOSHA safety and health standards or the “general duty” clause.
2. The incident was considered to be the result of a failure to follow a good safety and health practice that would be the subject of a safety and health recommendation.
3. The information describing the incident is insufficient to make a clear distinction between a “Program-Related” and “non-Program-Related” incident, but the type and nature of the injury indicates that there is a high probability that the injury was the result of a failure to adhere to one or more MIOSHA standards, the “general duty” clause, or good safety and health practice.

OVERVIEW

- In Michigan, 24 individuals were fatally injured at work during 2009. Since 1989, the number of program-related fatalities has reduced over 68 percent. During the past twenty years, only one of those years experienced an increase in the number of fatalities and one remained the same amount. All other years have experienced a reduction in the number of program-related fatalities.
- All victims were male.
- The age range of 41-60 had the greatest percentage of fatalities at 58%, followed by the age group of 18-30 with 25%.
- Forty-two percent of the fatalities occurred in the Construction industry and 58% occurred in the Manufacturing industry.
- “Construction and Extraction” occupations accounted for 10 of the 24 fatalities that occurred. “Production,” “Transportation and Warehousing,” and “Building and Grounds Cleaning and Maintenance” occupations followed with three fatalities each.
- The leading cause of death “Struck by an Object,” was reported in 50% of the program-related fatalities during 2009. “Fall to a Lower Level” and “Contact with Electric Current” each occurred in 16% of the fatalities.
- The greatest amount of fatalities occurred during the month of September with six being reported. The month of May reported four fatalities and the months of July and November reported three fatalities each.
- Wayne County reported 7 program-reported fatalities or 29% of the overall total. All other Michigan counties reported three or fewer fatalities.
- Seven of the 24 fatalities occurred on Tuesdays. Wednesdays followed with six fatalities and Friday and Saturdays each reported three.

**FIGURE 1
PROGRAM-RELATED FATALITY TRENDS
MICHIGAN 1989-2009**



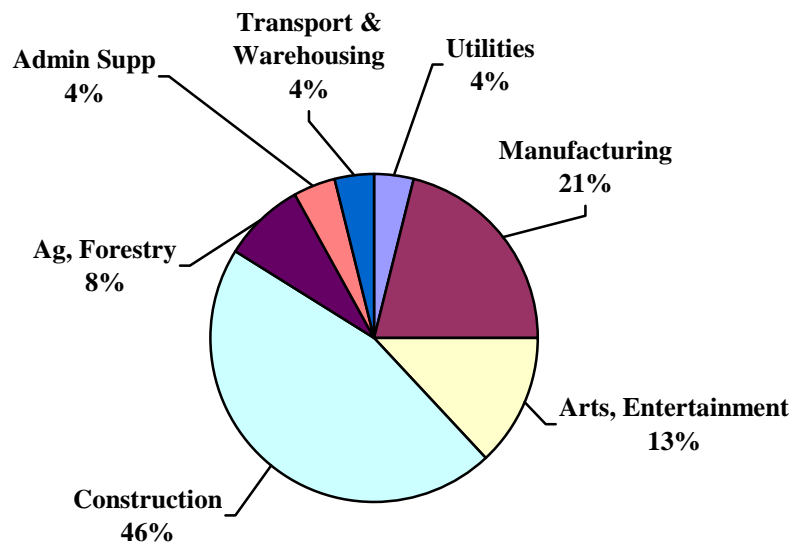
Source: MISS/MTSD/ MIOSHA/Michigan Department of Energy, Labor & Economic Growth

**PROGRAM-RELATED FATALITY TRENDS
MICHIGAN 1989 – 2009**

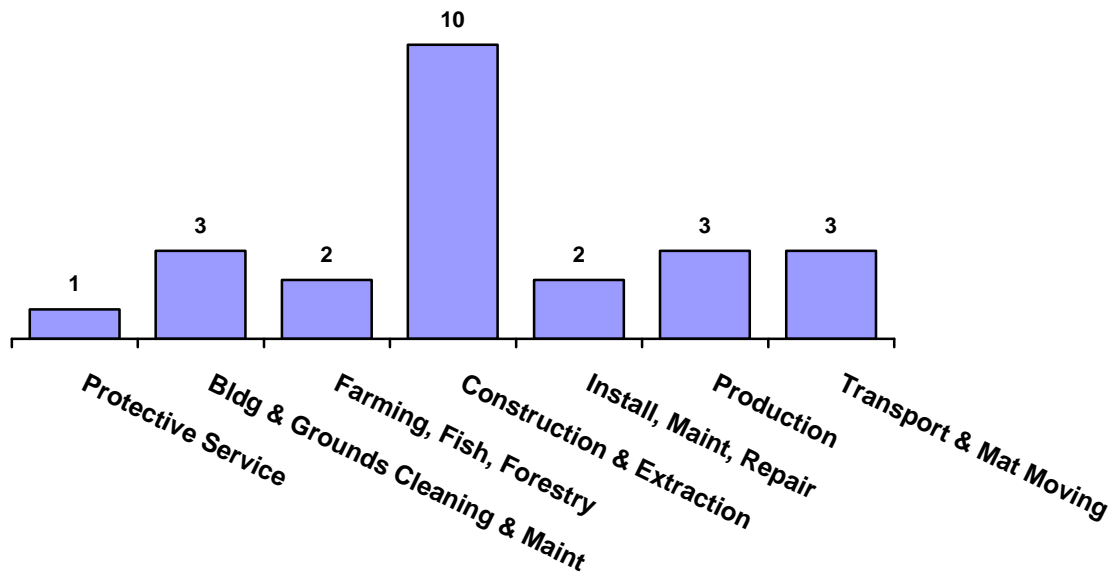
YEAR	NUMBER	PERCENT CHANGE FROM PREVIOUS YEAR	PERCENT CHANGE FROM 1989
1989	76	--	--
1990	72	-5.3	-5.3
1991	60	-16.7	-21.1
1992	61	1.7	-19.8
1993	51	-16.4	-32.9
1994	61	19.6	-19.8
1995	48	-21.3	-36.9
1996	46	-4.2	-39.5
1997	76	65.2	0.0
1998	68	-10.5	-10.6
1999	87	27.9	14.4
2000	59	-32.2	-22.4
2001	58	-1.7	-23.7
2002	47	-19.0	-38.2
2003	51	8.5	-32.9
2004	44	-13.7	-42.2
2005	37	-15.9	-51.4
2006	52	40.5	-31.6
2007	31	-40.4	-59.3
2008	37	19.3	-51.4
2009	24	-35.2	-68.5

Source: MISS/MTSD/ MIOSHA/Michigan Department of Energy, Labor & Economic Growth

Program-Related Fatalities by Industry



Program-Related Fatalities by Occupation



Program-Related Fatalities by Event

